In-Ceiling Front Projection Screen

Evanesce Tension Series

User's Guide

Important Safety and Warning Precautions

Be sure to read this user guide before use and follow the procedures below.

- Please retain this manual for future reference.

- To avoid any damage, do not use in conjunction with any accessories not recommended by the manufacturer. Handle the device carefully during transportation to avoid damage.

- To ensure safe and reliable operation, direct connection to a properly grounded power source is advised.

- The power outlet supplying power to the unit should be close to the unit and easily accessible.

- Do not install the device on uneven or inclined surfaces.

- Do not put heavy objects on the power cord and position it properly to avoid creating a trip obstacle.

- Never overload the power cord to prevent an electric shock or fire.

- Guard the device from any liquid or foreign objects to avoid electrical shock or fire due to loose contact or short circuit.

- There are no user serviceable parts in the device. Do not attempt to disassemble this device by yourself. No one except authorized technicians can open this device to make repairs.

- Make sure the power source this device is connected to has a continuous power flow.

- If there is a need to use an extension cord, make sure the cord has the same equal rating as the appliance to avoid overheat.

- Do not handle the power plug when your hands are wet or your feet are in contact with water.

2. **Do not use this device under the following circumstances:**

- Disconnect the power cord under the conditions of heavy rain, wind, thunder or lighting.

- Avoid direct sunshine, rain shower or moisture.

- Keep away from fire sources and high temperature to prevent this device from overheating.

- Cut off the power supply first before transportation or maintenance.

- Fully disconnect from the power supply when screen is not in use for a long period of time, as should be done with any other electric household appliance.

To avoid possible injury and/or an electric shock, do not attempt to use the screen if there is obvious damage or if there are any evident broken parts

Warning

The screen's **Top Black Drop** is already set to its maximum drop distance. There is **NO** extra black top drop in the roller. Please be aware of this as it will void the limitation of your warranty.

Changes or modifications (except cutting the power cord for hardwire installation) to this unit not expressly approved by Elite Screens is prohibited and will void the warranty.
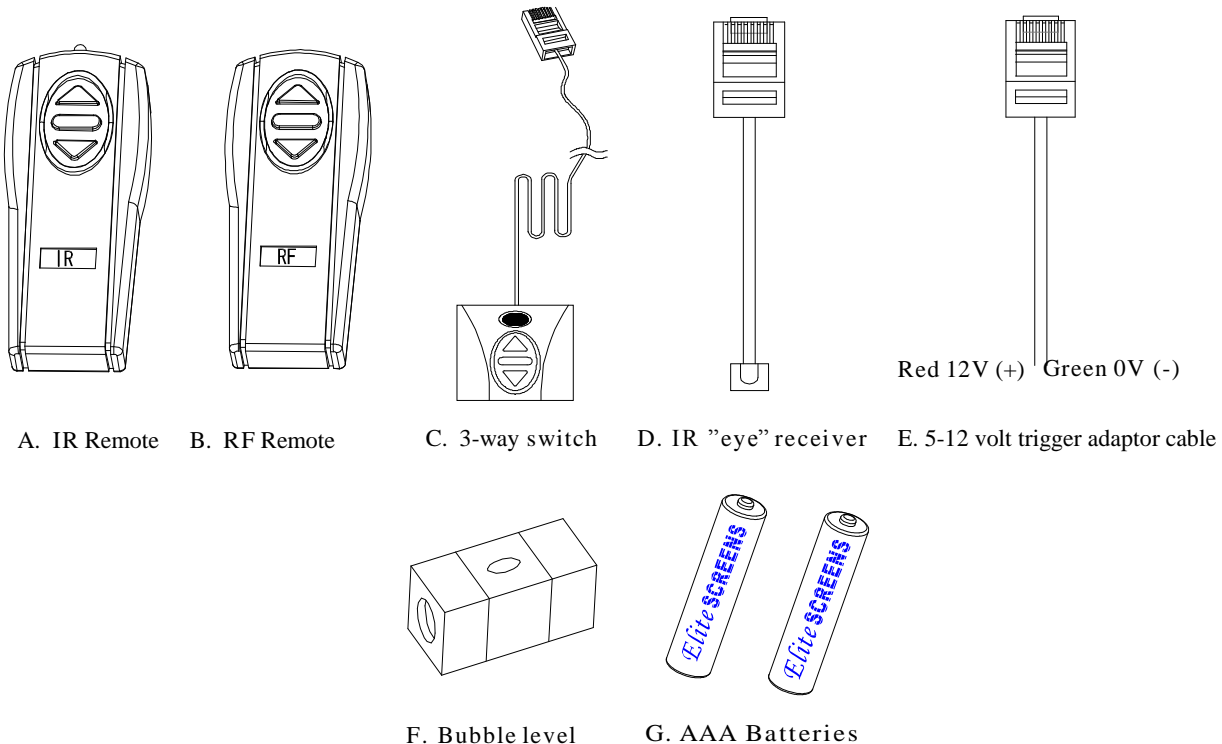
NOTE:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.
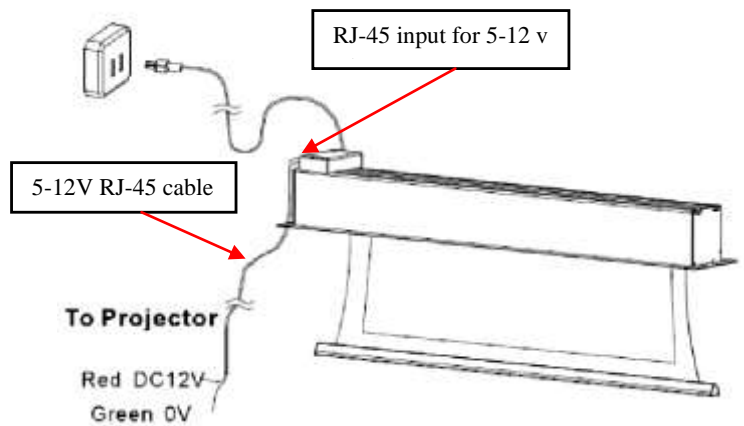
- ✓ Reorient or relocate the receiving antenna of the device which may be causing interference
- ✓ Increase the separation between the screen and the device's receiver
- ✓ Connect the equipment into a different power outlet than the device's
- ✓ Consult the dealer or an experienced Radio/TV technician for help

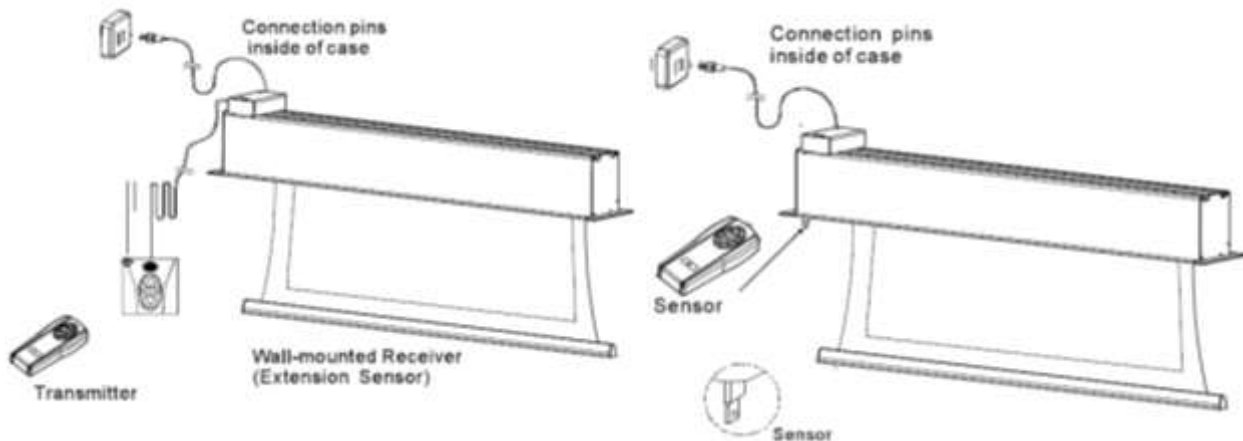# Evanesce Tension Standard Accessories

Red 12V (+) Green 0V (-)

A. IR Remote   B. RF Remote   C. 3-way switch   D. IR "eye" receiver   E. 5-12 volt trigger adaptor cable

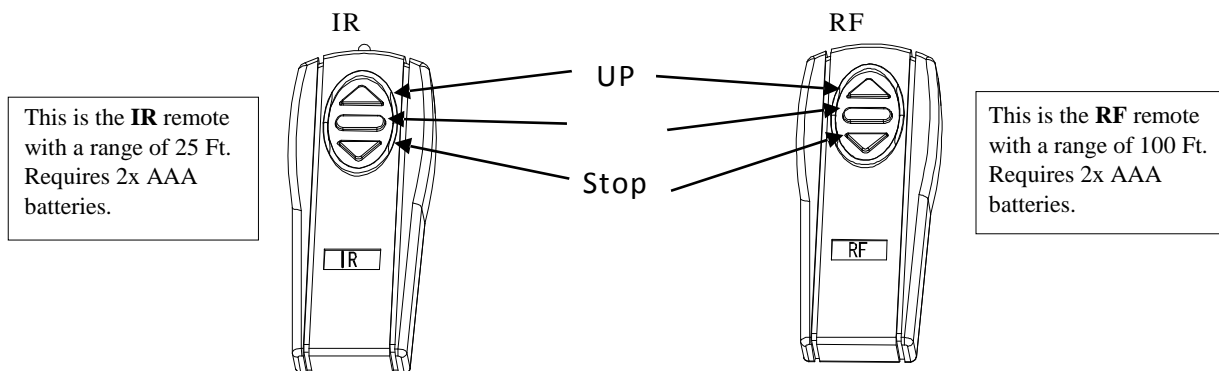F. Bubble level   G. AAA Batteries

Control System

1. 5-12V Trigger: The built-in 5-12V trigger input for your new CineTension2 allows your screen to synchronize its drop and rise with the projector's power cycle. The screen drops when the projector powers up and retracts when the projector powers down. The 5-12 volt adaptor connects to your projectors trigger output via a separate cable that may or may not be provided by the projector manufacture. The trigger feature will not work without an output cable from the projector, but it can be tested using a 9-volt battery by simply connecting the Red (+) and Green (-) cable to the 9-volt battery.

RJ-45 input for 5-12 v

5-12V RJ-45 cable

To Projector

Red DC12V

Green 0V

2. 3-way switch and IR (Infrared) Eye Receiver: The 3-way Wall Box switch enables the consumer to manually operate the screen's drop/rise capabilities. The IR "eye" protrudes from the bottom of the casing to present a low profile line-of-sight control option for your IR remote. It is a low-visibility alternative to using the 3-wall switch and its ability to protrude from the bottom of the screen allows line-of-sight control even in a recessed ceiling installation.
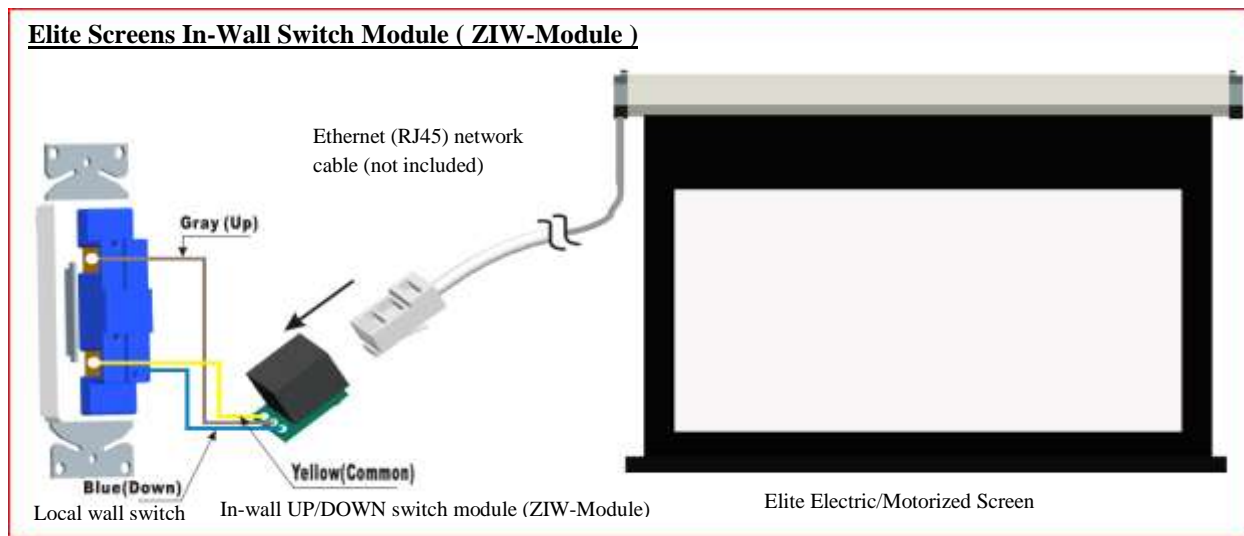

Connection pins inside of case

Transmitter

Wall-mounted Receiver (Extension Sensor)

Connection pins inside of case

Sensor

Sensor

3. Infrared (IR) and Radio Frequency (RF) Remote Controls: Although the IR remote requires a direct line of sight with the IR sensor to function, the screen's case can be hidden from sight and operated using the RF remote. When depressing the directional buttons you should hear a faint click signifying that the mechanism is working properly.

IR

RF

UP

Stop

This is the **IR** remote with a range of 25 Ft. Requires 2x AAA batteries.

This is the **RF** remote with a range of 100 Ft. Requires 2x AAA batteries.

** Please remember to always point to the wall switch receiver when using the IR remote. The IR remote can also work with a Universal Learning Remote Control usually by programming the Screens IR codes into your Universal Learning Remote.

4. **In-wall RJ-45 Module**: The RJ-45 module connects to a local wall switch for Up/Down control of your Evanesce electric projection screen. Please follow the picture diagram below for instructions on how to connect this accessory.
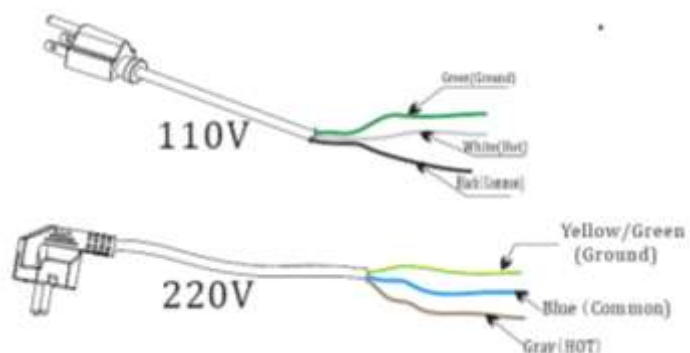
Elite Screens In-Wall Switch Module (ZIW-Module)

Ethernet (RJ45) network cable (not included)

Gray (Up)

Blue(Down)

Yellow(Common)

Local wall switch

In-wall UP/DOWN switch module (ZIW-Module)

Elite Electric/Motorized Screen

Steps to attach Elite Screens Motorized Screen to your local wall switch

1. Attach Elite Screens *in-wall switch module* (Part #: ZIW-Module) to your local wall switch as shown in diagram above

2. Attach an RJ-45 Ethernet cable (not included) to the ZIW-Module and the other end to the RJ-45 input on your Elite electric screen

3. After testing the connection, place the in-wall switch module in/on the wall and wire the Ethernet cable into the wall and complete the setup.
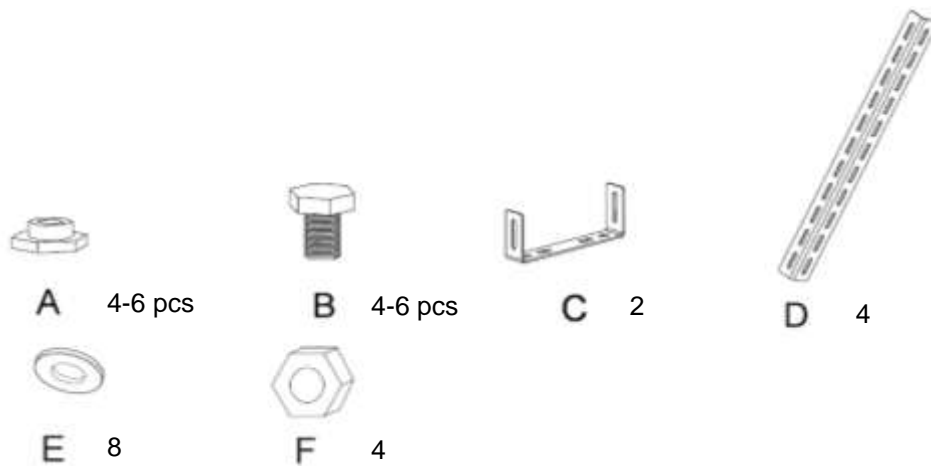
Note: *Please be aware that Ethernet cables have length limitations so please make a test first before concealing the cable into the wall*.

Installation

1. **Power**: The Evanesce series screen includes a 3-prong power cord for using in a non-concealed power outlet. If your installation however will be entirely concealed including the **power outlet**, we strongly recommend a hardwire connection. Please refer to the diagram below for wiring information for both 110v and 220v variants.
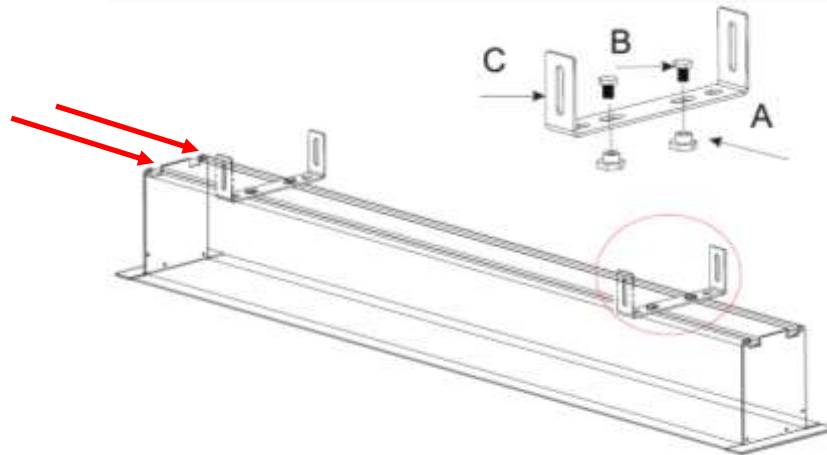
110V

Green (Ground)

White(Hot)

Black(Loose)

220V

Yellow/Green (Ground)

Blue (Common)

Gray (HOT)

2. Mounting Parts

A   4-6 pcs   B   4-6 pcs   C   2   D   4

E   8   F   4

Please make sure all parts listed above are included. If any parts are missing please contact us right away.
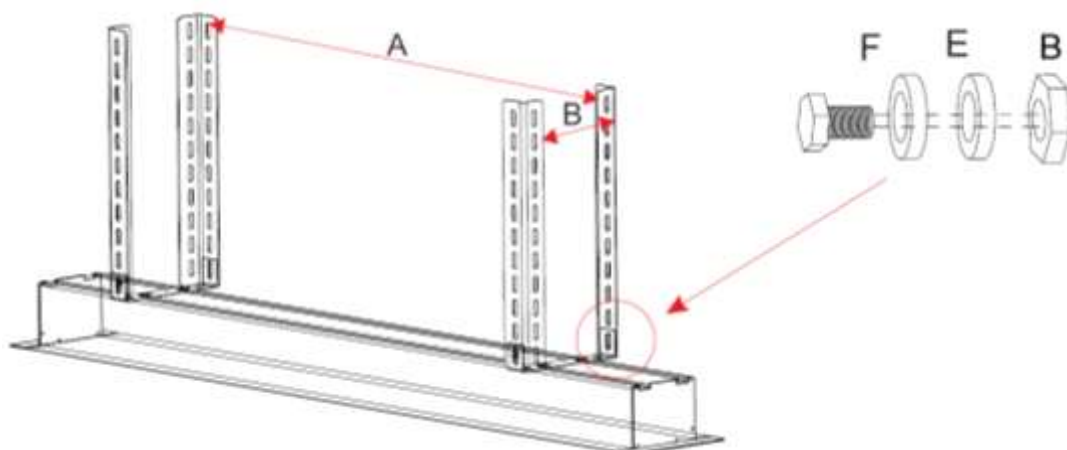
3. **Assembling the top bracket** (C)
I. Insert the hex screw (B) through the bracket's screw hole
II. Secure and screw the hex screw (B) with the hex nut (A)
III. Slide the top bracket (C) through the railing on top of the case

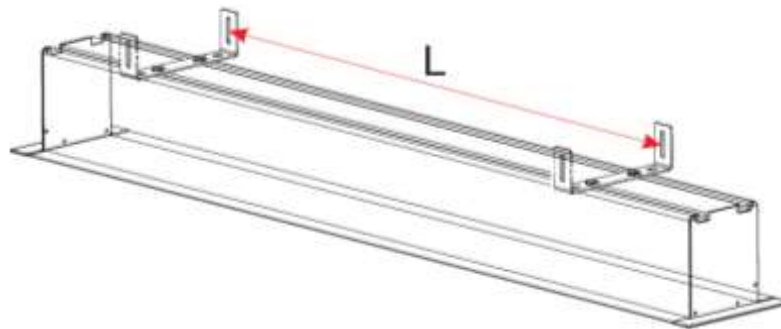## 4. **Securing the Suspension Bar** (D)
I. Place the suspension bars (D) on the top bracket (C) and align with the hole as shown below.
II. Insert hex screw (B) through the hole with a washer (E) and tighten it with the hex nut (B).
III. Affix the suspension bars to your ceiling according to the distance of A and B.

5. **Optional installation** (parts not included)
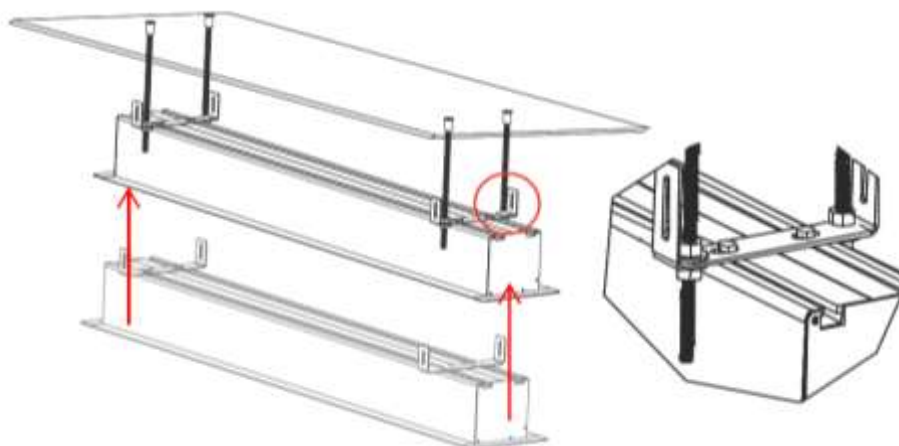
Screw bolt X 4   Washer X 8   Nut X 8

I. Place the top brackets (C) in the desired location on the screen's housing and measure the distance between them as depicted on L.

II. Mark the location of where the screen will be installed according to the L distance and then secure the screw bolt to the ceiling.
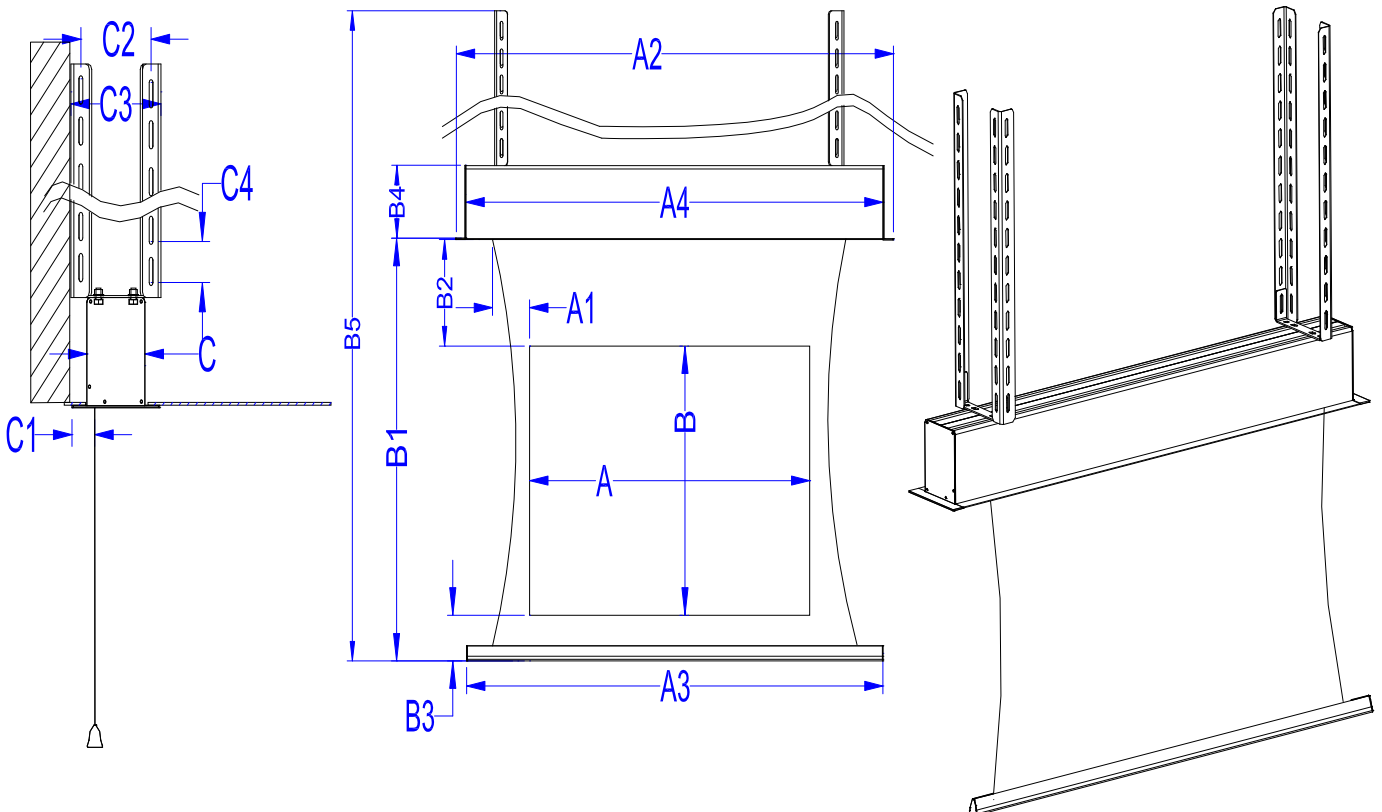
112mm

III. Install the screen to the screw bolt as show in the figure below.

Evanesce Tension Series Dimensions Table

Unit: mm

Model	Diagonal Size/Aspect Ratio	View Width (A)	L/R Black Masking (A1)	Full Housing Length (A2)	Weight Bar Length (A3)	Case Length (A4)	View Height (B)	Screen Fully Deployed (B1)	Top Masking Border (B2)	Bottom Border to Weight Bar (B3)	Case Height (B4)	Overall Height (B5)	Case Width (C)	Screen Material to Wall Distance (C1)	C2	C3	C4
ITE84VW2-E30	84"(4:3)	1706	95	2072	2012	2022	1280	2142	762	100	118	3170	96	40	125	150	50
ITE100VW2-E20	100"(4:3)	2032	95	2397	2337	2347	1524	2132	508	100	118	3160	96	40	125	150	50
ITE120VW2-E10	120"(4:3)	2438	95	2820	2760	2770	1828	2182	254	100	118	3210	96	40	125	150	50
ITE84HW2-E30	84"(16:9)	1860	95	2225	2165	2175	1046	1906	762	100	118	2936	96	40	125	150	50
ITE100HW2-E24	100"(16:9)	2214	95	2580	2520	2530	1245	1955	610	100	118	2983	98	40	125	150	50
ITE106HW2-E24	106"(16:9)	2347	95	2710	2650	2660	1320	2030	610	100	118	3058	96	40	125	150	50
ITE120HW2-E20	120"(16:9)	2657	95	3022	2962	2972	1494	2102	508	100	118	3130	96	40	125	150	50
ITE135HW2-E12	135"(16:9)	2989	95	3360	3300	3310	1681	2086	305	100	118	3114	96	40	125	150	50
ITE94XW2-E30	94"(16:10)	2025	95	2397	2337	2347	1265	2127	762	100	118	3155	96	40	125	150	50
ITE108XW2-E24	108"(16:10)	2326	95	2710	2650	2660	1454	2164	610	100	118	3192	98	40	125	150	50
ITE114XW2-E20	114"(16:10)	2455	95	2820	2760	2770	1534	2142	508	100	118	3170	96	40	125	150	50
ITE126XW2-E14	126"(16:10)	2714	95	3080	3020	3030	1696	2152	356	100	118	3180	96	40	125	150	50
ITE139XW2-E8	139"(16:10)	2994	95	3360	3300	3310	1871	2174	203	100	118	3202	96	40	125	150	50
ITE95C-E30	95"(2.35:1)	2220	95	2580	2520	2530	945	1807	762	100	118	2835	96	40	125	150	50
ITE116C-E24	116"(2.35:1)	2710	95	3080	3020	3030	1153	1863	610	100	118	2891	98	40	125	150	50
ITE128C-E24	128"(2.35:1)	2991	95	3360	3300	3310	1272	1982	610	100	118	3010	96	40	125	150	50
ITE138C-E24	138"(2.35:1)	3225	95	3590	3530	3540	1372	2082	610	100	118	3110	96	40	125	150	50

Unit: inch

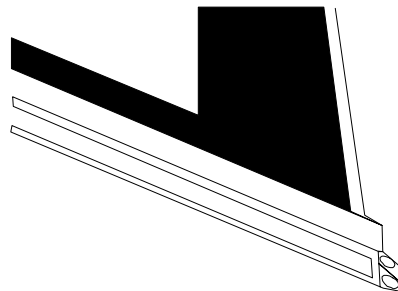| Model	Diagonal Size/Aspect Ratio	View Width (A)	L/R Black Masking (A1)	Full Housing Length (A2)	Weight Bar Length (A3)	Case Length (A4)	View Height (B)	Screen Fully Deployed (B1)	Top Masking Border (B2)	Bottom Border to Weight Bar (B3)	Case Height (B4)	Overall Height (B5)	Case Width (C)	Screen Material to Wall Distance (C1)	C2	C3	C4
ITE84VW2-E30	84"(4:3)	67.2	3.7	81.6	79.2	79.6	50.4	84.3	30.0	3.9	4.6	124.8	3.9	1.6	4.9	5.9	2.0
ITE100VW2-E20	100"(4:3)	80.0	3.7	94.4	92.0	92.4	60.0	83.9	20.0	3.9	4.6	124.4	3.9	1.6	4.9	5.9	2.0
ITE120VW2-E10	120"(4:3)	96.0	3.7	111.0	108.7	109.1	72.0	85.9	10.0	3.9	4.6	126.4	3.9	1.6	4.9	5.9	2.0
ITE84HW2-E30	84"(16:9)	73.2	3.7	87.6	85.2	85.6	41.2	75.1	30.0	3.9	4.6	115.6	3.9	1.6	4.9	5.9	2.0
ITE100HW2-E24	100"(16:9)	87.2	3.7	101.6	99.2	99.6	49.0	77.0	24.0	3.9	4.6	117.4	3.9	1.6	4.9	5.9	2.0
ITE106HW2-E24	106"(16:9)	92.4	3.7	106.7	104.3	104.7	52.0	79.9	24.0	3.9	4.6	120.4	3.9	1.6	4.9	5.9	2.0
ITE120HW2-E20	120"(16:9)	104.6	3.7	119.0	116.6	117.0	58.8	82.8	20.0	3.9	4.6	123.2	3.9	1.6	4.9	5.9	2.0
ITE135HW2-E12	135"(16:9)	117.7	3.7	132.3	129.9	130.3	66.2	82.1	12.0	3.9	4.6	122.6	3.9	1.6	4.9	5.9	2.0
ITE94XW2-E30	94"(16:10)	79.7	3.7	94.4	92.0	92.4	49.8	83.7	30.0	3.9	4.6	124.2	3.9	1.6	4.9	5.9	2.0
ITE108XW2-E24	108"(16:10)	91.6	3.7	106.7	104.3	104.7	57.2	85.2	24.0	3.9	4.6	125.7	3.9	1.6	4.9	5.9	2.0
ITE114XW2-E20	114"(16:10)	96.7	3.7	111.0	108.7	109.1	60.4	84.3	20.0	3.9	4.6	124.8	3.9	1.6	4.9	5.9	2.0
ITE126XW2-E14	126"(16:10)	106.9	3.7	121.3	118.9	119.3	66.8	84.7	14.0	3.9	4.6	125.2	3.9	1.6	4.9	5.9	2.0
ITE139XW2-E8	139"(16:10)	117.9	3.7	132.3	129.9	130.3	73.7	85.6	8.0	3.9	4.6	126.1	3.9	1.6	4.9	5.9	2.0
ITE95C-E30	95"(2.35:1)	87.4	3.7	101.6	99.2	99.6	37.2	71.1	30.0	3.9	4.6	111.6	3.9	1.6	4.9	5.9	2.0
ITE116C-E24	116"(2.35:1)	106.7	3.7	121.3	118.9	119.3	45.4	73.3	24.0	3.9	4.6	113.8	3.9	1.6	4.9	5.9	2.0
ITE128C-E24	128"(2.35:1)	117.8	3.7	132.3	129.9	130.3	50.1	78.0	24.0	3.9	4.6	118.5	3.9	1.6	4.9	5.9	2.0
ITE138C-E24	138"(2.35:1)	127.0	3.7	141.3	139.0	139.4	54.0	82.0	24.0	3.9	4.6	122.4	3.9	1.6	4.9	5.9	2.0

*Measurement dimensions are intended as a reference only and subject to change without notice. Note: Data Error may be ±1"

Tension Screen Adjustment

ATTENTION: This adjustment is not required. The screens tension has been set to achieve its best performance. Always contact an Elite Screen Technician for assistance to avoid damaging the screen and voiding your warranty.

> Pulling the knob and turning it **Clockwise** it will create more tension to the screen. By pulling the knob **Counter-clockwise** it will start to release tension.

Trouble Shooting

If the electric screen does not move, please check the following:

1. Check the power supply first. The screen will understandably not move without power.
2. Make sure the power cord is firmly plugged to the power outlet.
3. Make sure that all cable connections are secure.
4. If the screen works well with the line switch but not with the remote control, please make sure the remote controls have fresh batteries or replace them with new ones. Change the battery every 6 Months to ensure proper operation of the remotes.
5. For all other problems, please contact us according to your country.

Warranty Policy

- Two (2) year parts and labor warranty from purchase date as follows (except for refurbished units as specified below):
- Refurbished units carry a 90-day parts and labor warranty.
- Demo units or open box items are AS IS items and do not carry a warranty.
- Each party will be responsible for one way shipping during the warranty period.
- DOA (Defective On Arrival): Must be reported within 7 business days of receipt. An RMA
- (Return Merchandise Authorization) number must be issued in order to process a replacement. Elite Screens will replace the DOA (Defective On Arrival) unit with a brand new replacement *(see exceptions below) after the DOA unit is received and/or confirmed defective. Once the product is received, Elite Screens will send out a new* unit to the customer by ground service (based on stock availability). Should a problem be reported after the 7-day grace period, the item must be shipped to us for warranty repair.
- Missing Parts must be reported within the 7-day (DOA) grace period. If reported after 7 days, customer will be only responsible for shipping and handling fees. If reported after 30 days of receipt, customer is responsible for cost of the parts and shipping & handling fees.
- D**O NOT return** any unauthorized items to Elite Screens, as they will be refused at shipper's expense. The RMA number must be included on the outside label of your shipping box and shipping documents. Our warehouse is not authorized to accept returns without an RMA number on the shipping label. RMA numbers are valid for 45 days from the date of issue.

*A new or refurbished replacement will be sent out to the customer depending on the type of purchase (new or refurbished) or based on stock availability.

Please visit www.elitescreens.com for Warranty Support and Warranty Service information.

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